

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of:	Peter H. Kay	Examiner	Not Yet Assigned
Serial No.:	Continuation of Application No. 09/920,000	Group Art Unit:	Not Yet Assigned
Filed:	July 10, 2003	Conf. No.:	Not Yet Assigned
Entitled:	USE OF FLUORESCENT MOLECULAR BEACONS IN THE DETECTION OF METHYLATED NUCLEIC ACIDS		

**CERTIFICATE OF MAILING UNDER 37 CFR 1.10**

I hereby certify that the paper (and any paper or fee referred to as being enclosed) is being deposited with the United States Postal Service using Express Mail to Addressee Service, under 37 C.F.R. Section 1.10, **Express Mail Label No. EV242752050US** on this date, **July 10, 2003**, postage prepaid, in an envelope addressed to Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Brenda M. Woods

Name of Person Mailing Paper



Signature of Person Mailing Paper

**Mail Stop Patent Application**  
**Commissioner for Patents**  
**P.O. Box 1450**  
**Alexandria, VA 22313-1450**

**TRANSMITTAL LETTER**

Enclosed for filing in the above-identified patent application, please find the following documents:

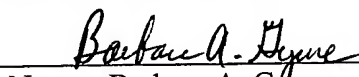
1. New Patent Application Transmittal;
2. Patent Application Specification, (25 pages);
3. Preliminary Amendment;
4. Two (2) sheets of informal drawings;
5. Executed Declaration and Power of Attorney from parent case;
6. Application Data Sheet;
7. Response to Advisory Action from parent case;
8. Check in the amount of \$375.00 for the requisite filing fee; and
9. Return Post Card.

Pursuant to 37 C.F.R. § 1.27, Applicant claims small entity status.

The Commissioner for Patents is hereby authorized to charge any additional fees or credit any overpayment in the total fees to Deposit Account No. 16-0085, Reference No. 9236/2004.  
A duplicate of this transmittal letter is enclosed for this purpose.

Respectfully submitted,

Date: July 10, 2003

  
Name: Barbara A. Gyure  
Registration No.: 34,614  
Palmer & Dodge LLP  
111 Huntington Avenue  
Boston, MA 02199-7613  
Tel: 617-239-0100

03508 U.S. PTO  
10/617060  
07/08/03

# NEW UNITED STATES UTILITY PATENT APPLICATION TRANSMITTAL

Atty. Docket No.: 9236/2004

## CERTIFICATE OF MAILING UNDER 37 CFR 1.10

I hereby certify that the paper (and any paper or fee referred to as being enclosed) is being deposited with the United States Postal Service using Express Mail to Addressee Service, under 37 C.F.R. Section 1.10, **Express Mail Label No. EV242752050US** on this date, **July 10, 2003**, postage prepaid, in an envelope addressed to Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Brenda M. Woods

Name of Person Mailing Paper

*Brenda M. Woods*

Signature of Person Mailing Paper

Mail Stop Patent Application  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

### Enclosed herewith is a new patent application of:

First Named Inventor (or application identifier): Peter H. Kay

Title of Invention: Use of Fluorescent Molecular Beacons in the Detection of Methylated Nucleic Acids

- Type: ☐ New  
☒ Continuation of: 09/920,000  
☐ Continuation-in-Part of:  
☐ Divisional of:  
 which is hereby incorporated by reference in its entirety into the application filed herewith;

### and includes the following papers:

1. ☒ Specification 25 pages (including specification, claims, abstract)/18 claims (2 independent)
2. ☒ Declaration/Power of Attorney is:  
☐ Executed ☐ Unexecuted ☒ Executed copy from Parent Application  
☐ NOT included, but deferred under 37 C.F.R. § 1.53(f).
3. ☒ 2 Distinct sheets of ☐ Formal ☐ Informal Drawings
4. ☒ Application Data Sheet
5. ☒ Preliminary Amendment.
6. ☐ Information Disclosure Statement  
☐ Form 1449 ☐ A copy of each cited prior art reference
7. ☐ Assignment with Recordation Cover Sheet.
8. ☒ Priority is hereby claimed under 35 U.S.C. § 119 based upon the following application(s):

Country	Application Number	Date of Filing (day, month, year)
Australia	PP8448	1 February 1999

9. ☒ Priority is hereby claimed under 35 U.S.C. § 120 based upon the following application(s):

Application Number	Date of Filing (day, month, year)
09/920,000	31 July 2001
PCT/AU00/00053	1 February 2000

10. ☐ Priority is hereby claimed under 35 U.S.C. § 121 based upon the following application(s):

Application Number	Date of Filing (day, month, year)
--------------------	-----------------------------------

# NEW UNITED STATES UTILITY PATENT APPLICATION TRANSMITTAL

Atty. Docket No.: 9236/2004

The above applications from which priority is claimed are hereby incorporated in their entirety into the application filed herewith.

11. ☐ Priority document(s).
12. ☐ Microfiche Computer Program (Appendix).
13. ☐ Nucleotide and/or Amino Acid Sequence Submission.  
☐ Computer Readable Copy.  
☐ Paper Copy (identical to computer copy).  
☐ Statement verifying identity of above copies.
14. ☐ Request for Non-Publication and Certification under 35 USC 122 (b)(2)(B)(i)
15. ☒ Statement of Small Entity Status, Pursuant to 37 C.F.R. §1.27.
16. Calculation of Fees:

FEES FOR	TOTAL CLAIMS	EXCESS CLAIMS	FEE	AMOUNT DUE
Basic Filing Fee (37 C.F.R. § 1.16(a))				\$750.00
Total Claims in <b>Excess of 20</b> (37 C.F.R. § 1.16(c))	18	0	\$18.00	0.00
Independent Claims in <b>Excess of 3</b> (37 C.F.R. § 1.16(b))	2	0	\$84.00	0.00
Multiple Dependent Claims (37 C.F.R. § 1.16(d))	NO		\$280.00	0.00
*Subtotal - Filing Fee Due				750.00
Reduction by 50%, if Small Entity (37 C.F.R. §§ 1.9, 1.27, 1.28)		MULTIPLY BY 0.50		375.00
<b>TOTAL FILING FEE DUE</b>				375.00
Assignment Recordation Fee (if applicable) (37 C.F.R. § 1.21(h))	0		\$40.00	0.00
<b>GRAND TOTAL DUE</b>				375.00

17. PAYMENT is:  
☒ included in the amount of \$375.00 by our enclosed check. The Commissioner is hereby authorized to charge any deficiencies in the fees to Deposit Account 16-0085, Ref. 9236/2004.  
☐ not included, but deferred under 37 C.F.R. § 1.53(f).

18. All correspondence for the attached application should be directed to:  
**Paula Campbell Evans**  
**Customer Number 29932**  
111 Huntington Avenue  
Boston, MA 02199-7613

19. Other: \_\_\_\_\_

Respectfully submitted,

Date: July 10, 2003

By: \_\_\_\_\_

Name: Barbara A. Gyure  
Registration No.: 34,614